

<u>NOTES</u>

EROSION CONTROL MIX CAN BE USED AS A STAND-ALONE REINFORCEMENT FOR THE FOLLOWING:

- 1. ON SLOPES 2 HORIZONTAL TO 1 OR LESS. ON FROZEN GROUND OR FORESTED AREAS.
- 3. AT THE EDGE OF GRAVEL PARKING AREAS AND AREAS UNDER CONSTRUCTION

EROSION CONTROL MIX SHOULD NOT BE USED IN THE FOLLOWING AREAS:

- 1. ON SLOPES WITH GROUNDWATER SEEPAGE.
- 2. AT LOW POINTS WITH CONCENTRATED FLOWS AND IN GULLIES. 3. AT THE BOTTOM OF STEEP PERIMETER SLOPES EXCEEDING 100 FEET IN LENGTH.
- 4. BELOW CULVERT OUTLET APRONS.
- 5. AROUND CATCH BASINS AND CLOSED STORM SYSTEMS.

COMPOSITION:

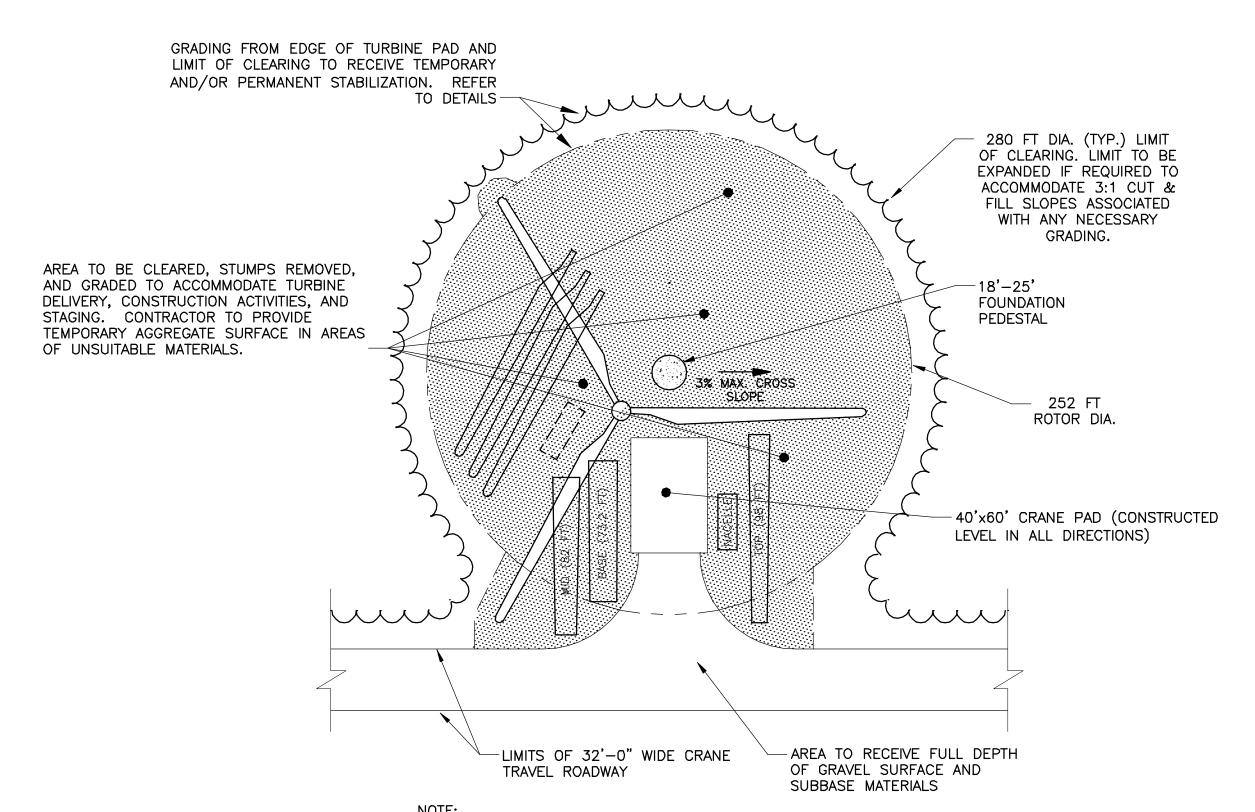
EROSION CONTROL MIX SHALL BE IN ACCORDANCE WITH THE MDEP EROSION AND SEDIMENT CONTROL BMP MANUAL, LAST REVISED MARCH 2003. THE MIX SHALL BE AN ORGANIC SUBSTANCE OF SOURCE SEPARATED MATERIALS, SEPARATED AT THE POINT OF WASTE GENERATION, THAT MAY INCLUDE THE FOLLOWING: FOREST RESIDUES, SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK, OR OTHER ACCEPTABLE MANUFACTURED PRODUCTS BASED ON SIMILAR RAW SOURCE. WOOD OR BARK CHIPS, OR REPROCESSED WOOD PRODUCTS WILL NOT BE ACCEPTABLE AS THE ORGANIC CONTENT OF THE MIX. THE MIX MAY CONTAIN ROCKS LESS THAN 4-INCHES IN DIAMETER AND SHALL MEET THE FOLLOWING STANDARDS:

- 1. THE ORGANIC MATTER CONTENT SHALL BE BETWEEN 80 AND 100%, DRY WEIGHT BASIS. 2. PARTICLE SIZE BY WEIGHT SHALL BE 100% PASSING A 6-INCH SCREEN AND 75 TO 85% PASSING A 0.75" SCREEN.
- THE ORGANIC PORTION NEEDS TO BE FIBROUS AND ELONGATED.
- 4. LARGE PORTIONS OF SILTS, CLAYS OR FINE SANDS ARE NOT ACCEPTABLE IN THE MIX.
- 5. THE pH SHOULD FALL BETWEEN 5.0 AND 8.0.
- 6. SOLUBLE SALTS CONTENT SHALL BE <4.0 mmhos/cm.

INSTALLATION:

- 1. EROSION CONTROL MIX IS NOT RECOMMENDED FOR SLOPES STEEPER THAN 2:1.
- THE MULCH MAY BE PLACED WITH A HYDRAULIC BUCKET, WITH A PNEUMATIC BLOWER OR BY HAND.
- 3. IT SHALL BE PLACED EVENLY AND MUST PROVIDE 100% SOIL COVERAGE.
- 4. ON SLOPES STEEPER THAN 3:1 MIX TO BE STABILIZED WITH NETTING STAPLED PER MANUFACTURERS' RECOMMENDATIONS.

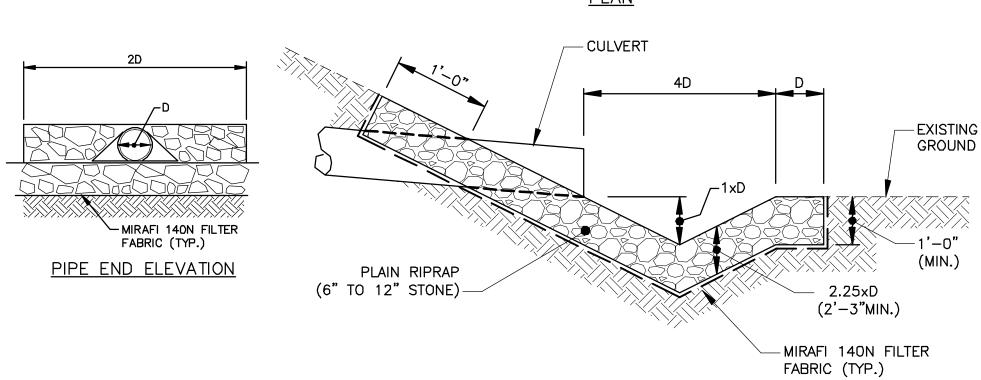
TYPICAL EROSION CONTROL MIX PLACEMENT DETAIL



EXISTING TOPSOIL IN AREAS OF DEVELOPMENT TO BE STOCKPILED ON-SITE FOR USE IN FINAL STABILIZATION OF ROAD SHOULDERS, TURBINE CLEARINGS AND LAY DOWN AREAS.

TYPICAL TURBINE PAD STABILIZATION DURING CONSTRUCTION DETAIL SCALE: 1" = 50

MANUFACTURED END SECTION —

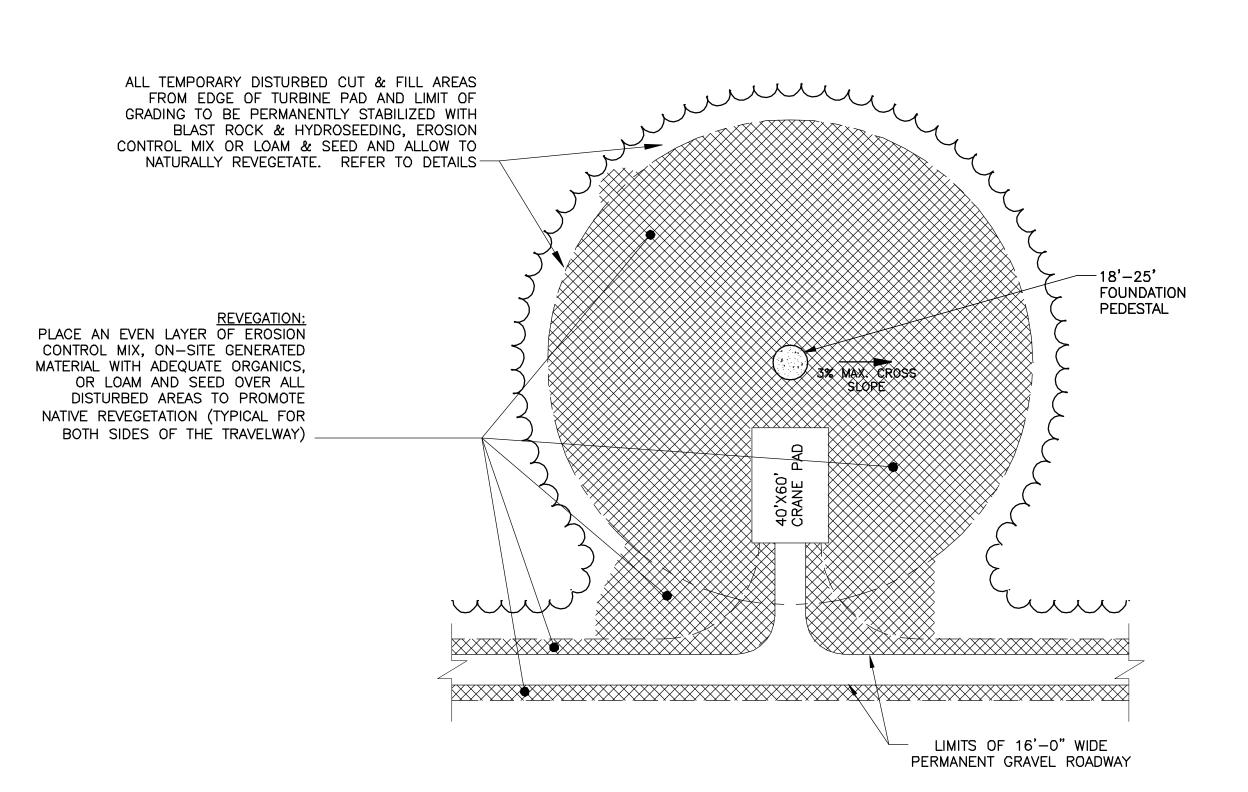


1. PLAIN RIPRAP SHALL CONSIST OF SOUND DURABLE ROCK WELL GRADED FROM SMALLEST TO MAXIMUM SIZE STONE SO AS TO FORM A COMPACT MASS WHEN IN PLACE WHICH WILL NOT DISINTEGRATE BY EXPOSURE TO WATER OR WEATHER. EITHER FIELD STONE OR ROUGH, UNHEWN QUARRY STONE MAY BE USED. EXPOSED STONE SHALL BE ANGULAR AND AS NEARLY RECTANGULAR IN CROSS-SECTION AS PRACTICABLE. ROUNDED BOULDERS OR COBBLES WILL NOT BE PERMITTED. STONES SHALL WEIGH FROM 10 LB, TO 200 LB. APPROXIMATELY 50% OF THE STONES BY VOLUME, SHALL EXCEED A MASS OF 50 LB. EACH.

2. THE ENTIRE BED OF STONE FILL TO BE PLACED ON A LAYER OF MIRAFI 140N FILTER FABRIC (TYP.). FILTER FABRIC TO BE INSTALLED ON ALL EDGES OF STONE FILL.

> PLUNGE POOL OUTLET FOR CULVERTS 36 INCHES IN DIAMETER OR LESS DETAIL

SIDE ELEVATION



TYPICAL TURBINE PAD STABILIZATION DETAIL



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Consultants

Legend

- 1. REFER TO SHEET C-001 FOR EXISITNG AND PROPOSED LEGENDS.
- 2. REFER TO SHEETS C-501 THROUGH C-508 FOR TYPICAL DETAILS.
- 3. REFER TO SHEETS C-618-S AND C-613-N FOR CULVERT, DITCH TURNOUT, LEVEL SPREADER AND FINAL LOCATION OF 16' WIDE ACCESS ROAD TABLES
- 4. REFER TO THE 600 SERIES PLANS FOR THE LOCATIONS OF STONE LINED SWALES, DITCH TURNOUTS AND LEVEL SPREADERS.

DEP SUBMISSION NOT FOR CONSTRUCTION **SEPTEMBER 5, 2008**

Revision		By	Appd.	YY.MM.DI
SITE LOCATION DEVELOPMENT PERMIT		GCK	GCK	08.09.05
Issued		Ву	Appd.	YY.MM.D
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Permit-Seal	Dwn.	Chkd.	Dsgn.	YY.MM.D

EVERGREEN WIND POWER III, LLC

ROLLINS WIND PROJECT (ROLLINS)

LINCOLN, BURLINGTON, LEE, WINN AND MATTAWAMKEAG PENOBSCOT COUNTY, MAINE

MISCELLANEOUS SITE DETAILS

Project No. 195600147	Scale AS NOTED	
Drawing No.	Sheet	Revision
C-504	58 of 93	0